

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 3

Complete if Known

Application Number	10/567,872
Filing Date	May 19, 2006
First Named Inventor	Illa Fishbein
Art Unit	1632
Examiner Name	Wu-Cheng Winston Shen
Attorney Docket No.	RCHP-135US

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

* Applicant is to place a checkmark here if they plan to provide information to the public and/or to obtain or retain a benefit by the public which is to file (and by the USPTO) the application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.41. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 2 of 3

Complete if Known

Application Number	10/567,872
Filing Date	May 19, 2006
First Named Inventor	Illa Fishbein
Art Unit	1632
Examiner Name	Wu-Cheng Winston Shen
Attorney Docket No.	RCHP-135US

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		JEFFREY M. BERGELSON et al., "Isolation of a Common Receptor for Coxsackie B Viruses and Adenoviruses 2 and 5," <i>Science</i> , 28 February 1997, Vol. 275., No. 5304, pp. 1320-1323.	<input type="checkbox"/>
		O. NYANGUILE et al., "Synthesis of adenoviral targeting molecules by intein-mediated protein ligation," <i>Gene Therapy</i> , 2003, Vol. 10, Issue 16, pp. 1362-1369.	<input type="checkbox"/>
		CHRISTOPHER J. NOREN et al., "Dissecting the Chemistry of Protein Splicing and Its Applications," <i>Angewandte Chemie International Edition</i> , 2000, Vol. 39, Issue 3, pp. 450-466.	<input type="checkbox"/>
		MING-QUN XU et al., "Intein-Mediated Ligation and Cyclization of Expressed Proteins," <i>Methods</i> , Vol. 24, Issue 3, July 2001, pp. 257-277.	<input type="checkbox"/>
		KONSTANTIN SEVERINOV et al., "Expressed Protein Ligation, a Novel Method for Studying Protein-Protein Interactions in Transcription," <i>The Journal of Biological Chemistry</i> , Vol. 273, No. 26, Issue of June 26, pp. 16205-16209, 1998.	<input type="checkbox"/>
		THOMAS C. EVANS, JR. et al., "Semisynthesis of cytotoxic proteins using a modified protein splicing element," <i>Protein Science</i> , 1998, Vol. 7, No. 11, pp. 2256-2264.	<input type="checkbox"/>
		RONG XU et al., "Chemical ligation of folded recombinant proteins: Segmental isotopic labeling of domains for NMR studies," <i>Proc. Natl. Acad. Sci. USA</i> , 1999, Vol. 96, No. 2, pp. 389-393.	<input type="checkbox"/>
		GRAHAM J. COTTON et al., "Insertion of a Synthetic Peptide into a Recombinant Protein Framework: A Protein Biosensor," <i>J. Am. Chem. Soc.</i> , Vol. 121, No. 5, pp. 1100-1101, 1999.	<input type="checkbox"/>
		THOMAS J. TOLBERT et al., "Intein-Mediated Synthesis of Proteins Containing Carbohydrates and Other Molecular Probes," <i>J. Am. Chem. Soc.</i> , 2000, Vol. 122, No. 23, pp. 5421-5428.	<input type="checkbox"/>
		CHERYL A. DYER et al., "Structural features of synthetic peptides of apolipoprotein E that bind the LDL receptor," <i>Journal of Lipid Research</i> , 1995, Vol. 36, No. 1, pp. 80-87.	<input type="checkbox"/>
		THOMAS C. EVANS, JR. et al., "The <i>In Vitro</i> Ligation of Bacterially Expressed Proteins Using an Intein from <i>Methanobacterium thermoautotrophicum</i> ," <i>The Journal of Biological Chemistry</i> , 1999, Vol. 274, No. 7, Issue of February 12, pp. 3923-3926.	<input type="checkbox"/>
		MARIO I. GORZIGLIA et al., "Elimination of both E1 and E2a from Adenovirus Vectors Further Improves Prospects for <i>In vivo</i> Human Gene Therapy," <i>Journal of Virology</i> , Vol. 70, No., 6, June 1996, pp. 4173-4178.	<input type="checkbox"/>
		NANETTE MITTEREDER et al., "Evaluation of the Concentration and Bioactivity of Adenovirus Vectors for Gene Therapy," <i>Journal of Virology</i> , November 1996, Vol. 70, No. 11, pp. 7498-7509.	<input type="checkbox"/>

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

†Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 3450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 3 of 3

Complete if Known

Application Number	10/567,872
Filing Date	May 19, 2006
First Named Inventor	Ilia Fishbein
Art Unit	1632
Examiner Name	Wu-Cheng Winston Shen
Attorney Docket No.	RCHP-135US

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		LYNDA HENRY et al., "Characterization of the Knob Domain of the Adenovirus Type 5 Fiber Protein Expressed in <i>Escherichia coli</i> ," <i>Journal of Virology</i> , August 1994, vol. 68, No. 8, pp. 5239-5246.	<input type="checkbox"/>
		COREY K. GOLDMAN et al., "Targeted Gene Delivery to Kaposi's Sarcoma Cells via the Fibroblast Growth Factor Receptor," <i>Cancer Research</i> , Vol. 37, pp. 1447-1451, April 15, 1997.	<input type="checkbox"/>
		JOHN DOUKAS et al., "Retargeted delivery of adenoviral vectors through fibroblast growth factor receptors involves unique cellular pathways," <i>FASEB J.</i> , 1999, Vol. 13, pp. 1459-1466.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.